

5/96



60 cents
"cheep"



Published by the
Utah Amateur Radio
Club HAM
HOTLINE-583-3002
The MICROVOLT
632 University Street,
Salt Lake City, Ut.
84102

the MICROVOLT

PLEASE SEND DUES TO:

U.A.R.C.
c/o GARY OPENSHAW
861 ROOSEVELT AVE.
S.L.C. UT 84105

SEND TO:

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The Utah Amateur Radio Club was organized under it's present name in 1927, although its beginnings may date back as early as 1909. In 1928, it became affiliated with the American Radio Relay League (club #1602) and is a non-profit organization under the laws of Utah. It holds a club station license with the call W7SP, a memorial call for Leonard (Zim) Zimmerman, an amateur radio pioneer in the Salt Lake City Area. The club meets each month except July and August. The meetings are held on the first Thursday of the month at 7:30 PM in the Exhibition hall located on the Salt Lake County Fairgrounds just south of Murray City Park. Club membership is open to anyone interested in amateur radio; a current license is not required. Dues are \$13 per year, including a MICROVOLT subscription. Those living at the same address as a member who has paid \$13 may obtain a membership without a Microvolt subscription for \$9. ARRL membership renewals should specify ARRL Club #1602. UARC maintains the following repeaters: 146.62 (maius) and 449.10. The repeaters are administered by the UARC repeater committee. Comments and questions may be directed to any committee member. The Lake Mountain repeater (146.76 minus offset) has Antopatch facilities on both the Orem exchange (covering Santaquin to Lehi) and the Salt Lake City exchange (covering Draper to Layton). The 449.10 repeater has antopatch facilities into Salt Lake City only. Due to the volume of traffic, only mobiles should use this antopatch. Antopatch use is open to all visitors to our area and to all club members. Non members who wish to use the Antopatch are encouraged to help with and maintaining a club membership. THE MICROVOLT: The Microvolt is the official publication of the club. Deadline for submissions to the Microvolt is the 10th of each month prior to publication, except Aug. All submissions are welcome but what is printed and editing are the responsibility of the UARC board. Reprints are allowed with proper credits to the MICROVOLT, UARC, and authors.



THE MICROVOLT

Publication of the Utah Amateur Radio Club
VOLUME XL ISSUE 5 **MAY, 1996**

Feature Of The

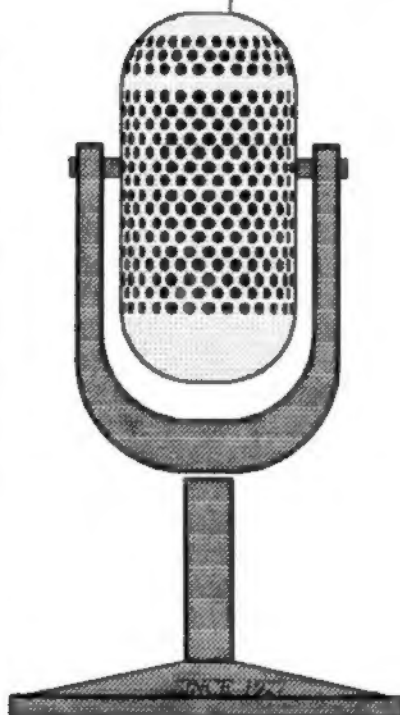


Month

This month we are featuring Carla Bateman KC7HON. Carla teaches the sixth grade at Quail Hollow Elementary School in Sandy. She is the science teacher, but also teaches Music, PE and other subjects as well.

Carla wants to include amateur radio in her curriculum. She has a two meter station set up at the school with the Jaypole antenna on the roof. She would like to have her classes communicate with children in other schools on the ham radio. One of her goals is to communicate with the space shuttle so she would like to upgrade and get the

equipment needed to make this communication possible.



Carla has been a ham for one year and has her no code license. She learned about amateur radio when her stake was having an emergency preparedness class. Carla says it really brightens her day to talk to the friendly people on the ham radio when she is travelling. She also said it is a great comfort to know emergency help is on the spot if needed. Carla, good luck in your endeavors!

73 N7HVF-Linda Reeder

-Just this year Carla tied the knot and the Microvolt Staff would like to wish her a long and happy marriage-ED KC7MDV.

Ham Hotline

(801)583-3002

Tentative 1996 Schedule Update

MAY 2:Marvin Zitting (W7MR) on code/
contesting

JUNE	6: Field Day Meeting
JUNE	22 & 23: Field Day <u>WOLF CREEK</u>
<u>SUMMIT</u>	
JULY	13: Steak Fry (The Spruces)
AUG.	2, 3, 4: WIMU Held at Olympia Park Hotel, Park City
SEPT.	5: Swap Meet
OCT.	3: Planned- Vintage Radios (Not firm schedule)
NOV	7: HomeBrew and Election Nominations
DEC.	5: Elections and Plans for The New Year

Handi-Hams Hit Ham Meeting Handsomely

I was so excited to be able to see Linda Reeder's HandiHam presentation, but then at the last minute was told that I would have to work at Packard Bell. But the HandiHam herself came through with a little article that we could put in the Microvolt about her recent trip to Malibu, California.

Handi-Ham Camps Are Fantastic

Handi-Ham Systems are a non-profit organization helping disabled individuals obtain their amateur radio licenses. Not only do they have study materials on cassette, braille, or disk, but disabled individuals have an excellent opportunity to attend radio camps. Handi-Ham Systems offers two radio camp sessions, The Courage North Camp in Lake George, Minnesota, at the end of August and camp Joam Mier in Malibu, California at the beginning of March. The camps are a week long. There are instructors from Novice to Extra and CW instructors to teach the Morse Code. These instructors volunteer their time to come to these camps to teach. One of the instructors, Doctor Dave Justis KNOS makes circuit components out of cardboard and wire. This is a great help to an individual that is visually impaired in understanding the theory. He also brings different types of antennas and parts of antennas to let the class feel. Doctor Dave is the Extra Class instructor and has been donating his time to both of the camps for 18 years. Doctor Dave is an Emergency MD in

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Apple Valley, Minnesota. The code instructors have code drills with each student individually a half hour three times a day. This sure built up my confidence when I was trying so hard to pass the 13 and 20 words per minute. The classes are from 9 A.M. until 12 noon. Besides lots of hard work we love to have fun, so after lunch we have recreational activities from 1p.m. until 3 p.m. Then it is back to class until 5 P.M. After dinner they have seminars, more fun activities and sometimes another class session. Then on Saturday the VEES come to test. hami-Hams highly recommend that the students study before coming to camp. There is so much material to cover that a person cannot expect to learn it all in one week. Besides, studying before camp increases your chances of passing the exams, and believe me, I know.

The people enjoyed the camp so much that just recently classes were added for those who were not upgrading. A computer class and an operational skills class are also being offered. Handi-Hams place a high value on students learning proper operation skills on the air. There was some excitement this year at the California camp in the operational skills class when they made a contact with the Kennedy Space Center in Houston, Texas on 20 Meters. The OP instructor came running into the computer class and said if we wanted our turn at talking with the Space Center to hurry and get into the radio room. I am so excited to get a QSO card from them.

The past four years I have been one of the no code instructors at the California camp. This year I decided to take the computer class, because just recently I bought an AST desktop computer. There is so much to learn such as DOS commands and Word Perfect. I learned many of the DOS commands, and a little about Word Perfect. I also learned how a blind person can get in to the internet by way of DOS. If they do away with DOS the blind will be in big trouble, so I hope it never happens. A hard lesson was learned about sending a message on the internet...you have to have the exact address, one false move you get the wrong person. My Ham friend in Utah wanted

me to send him a message on the internet while I was in California. So I did. But it went to John Hansen in Seattle, Washington. (Ed comment..Linda is lucky that it got to anyone at all!)

Recreational activities are superb. We rode on the pontoon boat on Lake George. I remember the first time I rode on the pontoon 8 years ago, talking to an amateur station in England while boating the waters of Lake George. Another activity was going to Itasca State Park where the Mississippi River begins. they had us walk across the bridge. There is a wooden bridge you can walk on to get across or you can cross by walking on the rocks. That was pretty scary, but it was fun. Of course, there are a lot of fun activities at the California camp as well. One year we went to Downwy, California and climbed on a replica of the space shuttle that was quite an interesting experience. This year Bill Pasternak WA6ITF came to speak to our group. He was really great.

Handi-Hams were given a donation for the California camp. It was a three element beam tribander antenna tower 40 feet up. He also gave us a three element Yagi antenna for two meters. This donation was given by Wendell Chapman W6VIF from Arcadia, California. Approximately two years ago Janet K0JE and Janice K0JE Robidoux and Ev Anderson WB0IAT donated a Rohm antenna tower at Courage North. It is 50 feet up. Now both camps have excellent HAM stations. Thanks so much for your generous gifts.

Handi-Hams have enriched my life.-73
N7HVF Linda Reeder



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JUST FOR GIGGLES

An expert is someone who knows more and more about less and less until he knows absolutely everything about nothing. For instance when my husband was in the Navy, he did so much for so long with so little that he could do anything with nothing forever.



More WIMU '96

Remember that The 64th Annual Wyoming, Idaho, Montana and Utah Amateur Radio Convention (WIMU) for 1996 will be held August 2, 3, and 4 in Park City, Utah. For reservations you can call the Olympia Park Hotel at 1-800-234-9003 for reservations starting now. We have been given a special rate of \$62 per room, plus tax, single or double occupancy. Be sure to tell them that you are a part of WIMU to get the discount.

Camping reservations may be made with the Hidden Haven Campground (6 miles west of the hotel at the Kimball Junction exit of I-80) by calling 801-849-8935.

The hotel and campground hosts have suggested that reservations be made as early as possible due to the Arts Festival being held that same weekend. Some of the spectacular activities that have been scheduled for the HAMS and their families, are a multitude of forums and a lot of prizes. The forums include;

- Packet Radio
- Batteries
- QRP-low power Operation
- DX Operations
- Basic Radio Etiquette For New Hams
- Winter Driving Techniques By UTHP
- CW Operations
- ARES/RACES 72-Hour Kits
- Satellite Communications

- Antennas
- Radio Direction Finding
- MARS Emergency Reporting
- Electronic Test Equipment and Building Techniques
- HANDI- HAMS
- Ballooning and Amateur Radio
- ARRL Discussion With Visits From Headquarters

But in some earlier Microvolt did someone mention prizes? YEAH!

FIRST PRIZE- ICOM-707 HF TRANSCEIVER!

Other prizes that will be awarded at the Sunday Morning Brunch:

ALINCO DR-130T 2 METER MOBILE TRANSCEIVER

KENWOOD 22AT 2 METER HANDHELD MFJ-784B TUNEABLE DSP FILTER FOR ALL DIGITAL MODES, SSB & CW

POWER PLUS HL 35V 2 METER AMPLIFIER

TUCKER T-1000 ANTENNA TUNER FOR HF

TUCKER TM-3000 UV 100-500 MHz

CROSS-NEEDLE SWR/PWR METER

KATRONICS KPC3 PACKET TNC WITH GPS

DLAWA CN101 HF VSWR METER

BENCHER RJ-2 CHROME CW KEY

MFJ-1621 PORTABLE HF ANTENNA WITH BUILT IN TUNER FOR 10-40 METERS

MFJ-112 DELUXE WORLD MAP CLOCK

WELLER WLC-100 5-40 WATT SOLDERING STATION.

PREMIER RD-8 DUAL BAND ANTENNA FOR UHF/VHF 6.5" WHIP FOR HANDHELD

PREMIER RD-78 DUAL BAND ANTENNA FOR UHF/VHF 15" FOR HANDHELD

PREMIER SB-752 3.5 AH PORTABLE POWER PACK, DELIVERS 3V, 6V, 9V, 12V

The registration packet that had been initially planned to be sent out last month has been delayed until MAY. NEW INFORMATION: Duane wants everyone to know that the packets were sent out on the 15th of April and you should have received yours by now. If you have not received your packet and you have pre-registered, please contact them at 288-1859. They want to thank all the people that helped with the stuffing and sealing this year.

What they are going to need is for some volunteers for the "TALK-IN" net the night of the convention. to help assist people in driving in and finding where they need to go. Also they need some people to help the non-member projects. You can now reach Duane at kj7ho@utah-inter.net

443 East Brandt CT., #30

SLC, UT 84107 phone (801)288-1859

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You can still visit our WIMU web page at
<http://www.xmission.com/~mistral/WIMU96.html>

CORRECTED UTAH AMATEUR RADIO EXAMINATION SCHEDULE

05/04/96 (Sat.) Ogden	Matt George, AB7GM	627-8084
05/15/96 (Wed.) Provo	Steve Whitehead, NV7V	465-3983
		225-5200

Send additions or corrections to Gordon Smith, K7HFV

EXAMINATION PROGRAMS BY CITY

City: Brigham City

Contact Person: Bob Anderson, AA7TR

VEC: ARRL Phone: 257-3021

Location: Basement of Zion's Bank at Main and First North

Schedule: Twice annually, spring and fall. Details vary.

Code tests at 6 p.m. Written tests at 7 p.m.

City: Farmington

Contact Person: Brent Thomas, AC7H

VEC: ARRL 637 East 2150 South

Bountiful, Utah 84010

Home Ph: 298-3322

Bus. Ph: 538-3700

Location: Davis County Jail Complex,

800 West State St.,

Farmington

Service entrance

Schedule: First Wednesday of Jan., Mar., July, and Sept., 7 p.m.

City: Logan

Contact Person: Paul Hansen, WO7N

VEC: ARRL 1878 East 1800 North

Logan, Utah 84321

Home Ph: 753-4843

Bus. Ph: 752-8425

Schedule: Second Saturday of April and October, 9:00 a.m.

City: Ogden

Contact Person: Matthew George, AB7GM

VEC: ARRL 473 Hiland Road

Ogden, UT 84404

Phone: 393-9195

Recorded exam information: 627-8084

Location: Weber State College, Science and Technology Building, Rm 228

Schedule: First Saturday of May and November, 8:00 a.m.

City: Provo

Contact Persons: Steve and Linda Whitehead

VEC: W5YI 497 South 700 East

Payson, Utah 84651

Home Ph: 465-3983

Bus. Ph: 225-5200

Location: Provo Campus of Utah Valley State College

Schedule: Third Wednesday evening of each month

Notes: Do not confuse this location with the larger Orem campus.

City: Salt Lake City

Contact Person: Gordon Smith, K7HFV

VEC: ARRL

632 University Street
Salt Lake City, Utah 84102
Home Ph: 582-2438
Bus. Ph: 532-3400 Ext. 8116

Location: Blue Cross/Blue Shield Cafeteria

2455 East Parley's Way

Main (west) building, West door

Schedule: First Saturday of Feb., Apr., June, Aug., Oct. and Dec.

20 w.p.m.: 8:00 a.m. 13 w.p.m.: 8:30 a.m. 20 w.p.m.: 9:15 a.m.

No code test needed: Any time between 8 and 10 a.m.

Notes: Preregistration is required. The owners of the building require that the door be kept locked. Those who pre-register will receive the code required to get in. Preregistration also speeds the session and gets licenses on the way faster after the session. It takes only a few minutes by phone or on the air. Gordon usually monitors 146.62.

City: Salt Lake City

Contact Person: Eugene McWhorter, N7OVT

VEC: W5YI

536 E. Leland Avenue

Salt Lake City, Utah 84115

Home Ph: 484-6355

Location: Granite High Seminary Building

Approximately 33rd South and 5th East

Schedule: Last Tuesday of each month, 7 p.m.

Notes: This session is intended primarily for those seeking Novice, Technician, or Technician-plus licenses. Only elements 1A, 2 and 3A will be administered. Pre-registration is required.

THINGS TO BRING TO TEST SESSION

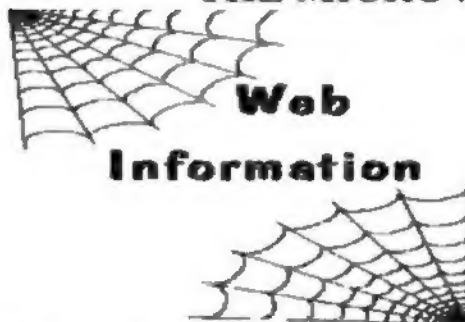
1. Two forms of ID (If licensed, your original and one form of ID)
2. \$6.05 - Cash or Check.
3. A copy of your license, and or copies of your pending 610 form or certificate of credit along with the original.
4. You may bring a filled out 610 form or a form will be available at the first session.
5. Pencils or pens.
6. You may bring a calculator but you must show that it is not pre-programmed.

You may use a typewriter or lap top computer only if you make arrangements in advance.



UARC WEB PAGE ADDRESS!
<http://www.xmission.com/~uarc>

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My Compuserve address 73060,1510

Our ARRL Section Manager

jimkatpa@aol.comARRL Home page <http://www.arl.org>

Call sign Lookup

<http://www.ual.edu/doc/hamulr/callsign.htm>

|

Canadian Bacon (Hams) <http://www.rac.ca>

DX Info

<http://www.clinetfi/~jukka/webcluster.html>

Electronic Swapmeet

<http://www.westes.com/Ads/Ads.html>

Our Federal Government

<http://www.fedworld.gov>F.C.C. <http://www.fcc.gov>

House of Representatives

<http://www.house.gov>

Internet/Package Gateway

<http://www.w2xo.pgh.pa.us>I.T.U. Info <http://www.itu.ch>

Lat/Long Lookup

<http://www.mit.edu:8001/geo>

Neighborhood Antennas

<http://www.hamweb.com/~sjl/stoner/antenna.html>NTIA <http://www.ntia.doc.gov>

Sarax

http://www.nasa.gov/sarex/sarex_mainpage.html

JUST FOR GIGGLES

Whoever says money cannot buy happiness does not know where to shop!



FIELD DAY, WHERE'S IT GONNA BE?

Do not forget that Field Day is still planned for June 22-23 1996 where amateurs from around North America will gather once again to participate in the infamous Field Day ritual. We voted on where we were going to have field day this year and not surprisingly everyone wanted to have it at Wolf Creek Summit. (If it is not snowed in up there. Right now we still have a ton of snow up there, so if we do not have a melt before then the plan was to go back to Payson Lake as in the last few years we have had to do.) We are going to need a few volunteers to go up there a couple of weeks in advance to see if this is something that we want to do.

I still think the aluminum tree East of Wendover is the best idea yet

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Please remember that it is still not too late to contact Ray Allen if you would like to help with field day. He has a new address however. It is:

Ray Allen (N7TEI)
1142 east Charleston Ave.
SLC, UT. 84106

P.S. A sincere thanks to those who have already volunteered.

**DON'T FORGET THAT OUR SPEAKER
THIS MONTH IS GOING TO BE MARV
ZITTING (W7MR) ON CONTESTING!**



Can
You
Top That?

I told you that if you didn't start sending me stuff for this column that I would start using stuff from old Microvolts!— This is a very old article but it is re-written per-batum.

THE BUNNY HUNT-by Jerry Wellman, WB7ULH
It was an honor, to be sure, when UARC exalted leader (this was then, June 1992) and president Gordon Smith, K7HFV, paid me an unexpected visit. Not only did Gordon make the trip to the west part of the county, he brought along John Parken, KA7GZH. I was now really impressed. John's a driving force for Salt Lake County ARES, the Civil Air Patrol state communications officer, and treasurer (or officer) for most of the Amateur Radio Groups in the area.

And they brought beam antennas, connectors, radios, cables, and antennatuators!

I wasn't too sure what John said via autopatch at 1:30 a.m., but the words "in front of your house" and "stuck transmitter" helped defuzz the brain.

Perhaps Easter Sunday was as good a day as any to become the object of a "bunny hunt." Yet words cannot

express my embarrassment at having these distinguished visitors (and many others who helped, cursed, and advised) spend hours tracking my newly repaired radio's signal.

Maybe I should back up.

The spare radio died of cataplectic brain failure some weeks ago. Celebrating it's new microprocessor all ten memories and returned it to service-including the desk mic that's parked right next to a computer keyboard.

Well, with Murphy's help, when the computer was put away at 10 p.m. (by an unnamed family member who is not an amateur radio operator) the keyboard got set atop the microphone. Of all the programmed channels (VHF and UHF), the one that could cause the most interruption was selected.

Because the shack is battery powered, I prefer using low power. However, as fate would have it, the rig was on high power.

As I stumbled down to the shack in the dark, the unmistakable odor of hot radio was detected. This is the odor that usually signals the small round and square things contained in the radio are about to let the factory smoke out. (You know, the magic stuff that escapes when you crack them open under high current conditions.)

Anyway, reacting quickly to the red transmit light, the microphone pinned under the keyboard, and the hot radio odor in the air, you'd think even a slightly fuzzy person would not need to touch the radio to confirm that it was on. The red marks on my hand should fade in a few days, providing a painful reminder about shack transmitters.

After 30 minutes of cool-down time (and with a dummy load) the transmitter was amazingly still up to spec on transmit power. It reminded me of an old ham ad where the brick was placed on a CW key to demonstrate how well the amplifier worked keydown for hours. Maybe I could sell this story to the rig's manufacturer. I also it understand it took WA7GIE and a kilo watt to override my signal and shut down the remote base-I guess my location isn't so bad after all.

In all humility I beg the forgiveness of those of you who spent hours of cursing and those who paid me a visit. I hope the KD7PB linked (and remote) system recovers as well as the 146.62 UARC machine. I've moved the offending microphone away from the computer keyboard lest any of our clan repeat the event.

In the last several months, after the stigma of this Easter Sunday events fades, I'll try a quick QSO, maybe on simplex. Part of the penance will be hearing events recreated for the next several mornings on various repeaters. (I guess I could get on the maritime HF net for awhile.)

When prompted, I'll hang my head and relate how hot a transmitter gets after 3-1/2 hours into a 1:1,2 matched antenna (i.e. full power)

Never will I curse those who sit on a microphone (atleast for a few months).. I promise (for a week) never to laugh at the next poor soul who sets something on a microphone button. No snicker (this year) will escape

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when I hear someone's kids calling mom and dad's new ham rig.

As part of my penance I've attached my UARC dues check. It's only a month late and two months earlier than I normal. Perhaps in a few months I could relate how I trained the cat not to sit on the active power supply by spraying the cat with water. As soon as we fix the power supply and find the cat we'll know how well the procedure went.

-73 WB7ULH



UTAH AMATEUR RADIO CLUBS

UARC or Utah Amateur Radio Club meets the first Thursday of each month except the months of July and August. The meeting is held in the Theatre Building located on the Salt Lake County Fairgrounds (5200 S. and 200 E.) just south of Murray Park at 7:30 PM. There is a newcomer's meeting held prior to the main meeting at 7:00 PM.

The Davis County Amateur Radio Club meets the 2nd Saturday of each month at 10:00 AM at the Davis County Sheriff's Office, 800 West State street, Farmington Ut. Members and nonmembers are welcome. Dues are \$15.00 per year and can be paid at any club meeting. The Davis Club supports the 147.04 repeater. DAVIS ARES conducts a net each Thursday at 7:00 PM on 147.42 simplex. They also have a DAV node for packet on 145.07. For further information please contact Mel Parkes, N5UYF 299-3430.

OARC or Ogden Amateur Radio Club meets the 3rd Wednesday of each month in Ogden at 7:00 PM. The meetings are held at the Red Cross building at 2955 Harrison BLVD. Members and nonmembers are invited. Dues are \$15.00 per year and can be sent to P.O. Box 3353, Ogden, Utah 84409. OARC supports the 146.90 repeater and conducts a net there Tuesdays at 7:30 PM. They also support the 146.82 repeater. The contact person is Jerry Peters WA7ADK who can be reached at 825-8798.

The **VNF Society** is a group dedicated to maintaining a system of repeaters in our area. Dues are \$10.00 per year and can be sent to P.O. Box 482 Bountiful Utah 84011-0482. The VNF Society holds a swap and traffic net for it's members each Tuesday night at 8:00 P.M. on the 146.940 repeater. For further information please contact Eldon Knerl KB7OGM at 571-9955.

Salt Lake County ARES (Amateur Radio Emergency Services) conduct a net each Wednesday Night at 8:00 PM on the 146.88 repeater. All amateurs are welcome to participate. Their in-person meeting is held the third Wednesday of each month. For more information please contact John Parkon, KA7GZH at 278-5846 or Richard Evans N7PGE at 265-9346.

Utah Valley ARES holds their general meeting the 1st Tuesday of every month at 7:00 PM. They also conduct a net each Tuesday at 9:00 P.M. on the 147.34 repeater which is also linked to the 224.7 repeater. The contact person is Robert Earl, N7EGG at 225-8870

MARA or Mercury Amateur Radio Association is a world wide group of Radio Amateurs dedicated to training and traffic handling for emergency operation. They conduct VHF nets each Wednesday at 9:00 PM. They also conduct health and welfare traffic net on 3.873 MHz (80 meters). The Salt Lake area is on the 146.74 repeater and their contact person is Willy Poake N7VVL at 466-1114. The Ogden area is on the 145.49 repeater and the Provo area on the 145.37 repeater with Vinco Newmeyer N7MLP at 785-5611 as their contact person.

UPRA (Utah Packet Radio Association) holds their general meeting on the 2nd Saturday of each month at 2:00 PM at the State Capitol Annex Building north of the State Capital. All amateurs are welcome. The purpose of the club is to educate people who are new to packet and to coordinate packet activities. Their dues are \$15.00 per year and can be sent to P.O. Box 92 Riverton, UT 84065. Their contact person is Jack Christensen, KC7NX at 277-6629.

UBET (Utah Box Elder Thicket) holds a net every Wednesday at 8:00 PM on the 145.43, 448.300, 149.29 repeaters. This net is followed by a CW net at approx. 8:30. Net control is Phil Siefkas KJ7LM, Garland UT.. They also meet the first Thursday of every month at 7:00 PM in the basement of the Zion's Bank on the corner of main and first north in Brigham City. Their contact person is Stew Greenwood AB7BA at 863-2795.

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THE BRIGERLAND AMATEUR RADIO CLUB meets the 2nd Thursday of the month (except June, July, and August) in the basement of the Sheriff's Office. They hold a net at 9:00 PM on the 147.20 repeater every Tuesday. Their contact person is Dean Stevens N7WVY at 753-2664.

THE UTAH TCPIP Users Group Of UTUG is an informal group that discusses TCPIP protocols and other packet information. They are geared to all levels of users, new and seasoned. They hold a weekly net Sundays at 8:00 PM on the 146.620 repeater. Their contact person is Matt Simmons KG7MH at 965-1038

The **High Valley Net** from Heber meets every Monday at 9:00 PM on the 147.18 repeater. Their contact person is Doug Neilson, N7PPW at 756-5927 or Joe Chenworth, KB7GY at 564-3598

The **University of Utah Radio Club** is open to University Staff, alumni and students. There is a fully equipped station available 24 hours a day. Their contact persons are Marvin Match KA7TPH at 581-6085 or Clint Turner KA7OEI at 972-5541

The **Salt Lake Community College Amateur Radio Club** is open to anyone. They would like to welcome interested parties to join them. They meet on the South campus in room N285 on the first Saturday of the Month at 3:00 PM. Please contact Keith KI7SL at 957-3247

Rocky Mountain Radio Assn. is open to all Utah hams and they support the 447.900, 448.400, 448.700 repeaters. Their net is on 447.800 and 52.525 (six meters) every Wednesday night at 8:00. Please contact Marc Peterson (KB7YJJ) at 977-1845 for info!



From The Desk Of The Editor

Dear Friends and Fellow Hamsters (and friends that are Hamsters and Hamsters that may someday be friends)

I would like to thank the membership for the delightful recognition that I received on the 4th of April (meeting) concerning the work that I have done and time that I have devoted to making the Microvolt, again, a great newsletter. I am only

sorry that I could not have made the meeting due to my job at Lachard Fell.

This recognition, however, was not necessary as I could not have made the Microvolt a great Microvolt without the help of many people and trolls. The Utah Amateur Radio Club in itself was a major inspiration. For that, I want to take this time and thank you! I would also like to apologize for the delay in the Microvolt this month. I have been working from 4pm to 1

AM.
Again, thank you.

Editor- Cokie KC7MFV

APRILS MEETING NOT FOR FOOLS

-Dave Eddy KB7ZLH

Aprils meeting was not for the foolish. The meeting opened with an announcement by Bruce Bergen KI7OM our UARC President. The Statewide QSO Party, an A.R.R.L. sponsored and sanctioned event will be held on the weekend of August 24th and 25th and all HAMS in Utah are encouraged to participate. Garry Barrett KC7NGJ is printing the QSL cards for this event and they are GREAT! Next Ray Allen (N7TIE) was introduced to present to the assembled body the two choices for the field Day site this year. The two choices were Payson Lakes (where the FIELD DAY has been held for the past two years) and Wolf Creek Summit. Both sites were described and briefly discussed and then a vote was taken to decide the location for FIELD DAY 96. The winner was by landslide victory for Wolf Creek Summit.

Before we proceeded to the main presentation Bruce publicly thanked Robert KC5HZO for the projection TV setup which made the presentation possible. THANKS ROBERT!

Then Linda Reeder N7HVF was introduced by Allen Seyboldt KC7MUZ. Linda's presentation was on HANDIHAMS and included two video presentations "Courage in the North" and "Courage on the Coast", both of which Linda had speaking parts. These videos dealt with the Handi Ham camps held in California and Minnesota (see the beginning of the Microvolt for more details) and the good work that they accomplish for our handicapped community of Hams. After the videos Linda fielded questions from the club body. The presentation was very well received by the audience and our thanks go out to Linda for a fine presentation.

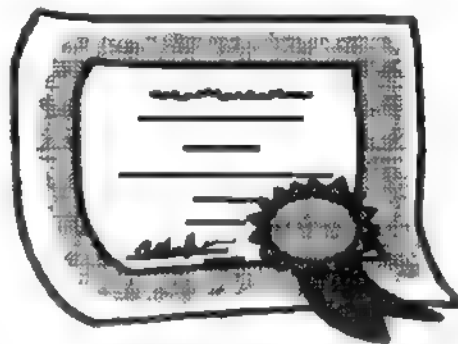
At the end of the scheduled events the floor was opened up for any club business and the question of the 760 repeater and its on again/off again Autopatch was

THE MICROVOLT

raised. The discussion was quite lively and in the end no real resolution was reached. Bruce announced that in the end unless the club authorized the almost complete rebuilding of the Lake Mountain Repeater there was little we could do to resolve the current 911, and abuse control issues that we faced. Simply closing the autopatch and disabling the 911 function seems to have legal ramifications that the club may not wish to shoulder. Mike Youngs KB7WUY who works for US WEST said that he would do some research for the club, but that the liability created by turning off 911 might be much more than the club wishes to assume.

It was also suggested that anyone with a solution should come to a board meeting and present it to the board. (Board meetings are held on the second Tuesday of the Month and the location changes- the better to avoid prosecution, JUST KIDDING- the location can be found out by asking any board member, Board Meetings are open to the whole club membership!)

Remember this month meeting we will have Marv Zitting (W7MR) on contesting, so be there!



MAY MEETING: CONTESTING AND AWARDS

Among the many facets of Amateur Radio, contesting is one which draws particularly ardent supporters. How many contests are there? What is required to enter? What do you get if you win? And how DO you win? These are some of the questions that will be answered at the next meeting of the Utah Amateur Radio Club, to be held May 2.

We are particularly privileged to have Marv Zitting, W7MR, as our speaker. Marv has been involved in contesting and awards for many years, and even



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holds the first DXCC (DX Century Club) award issued in Utah.

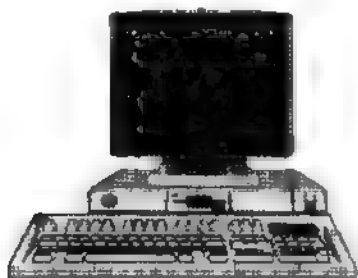
As well as contesting, Marv will tell us about the many awards available. Many new hams set their sights on the Worked All States (WAS) award, issued to anyone who can get QSL cards from all fifty states. Many hams try for years to get all fifty worked. Marv has, on several occasions, worked all the states in a single 24-hour period on just one band. He has even worked all but two of the states in a few hours on 160 meters. Marv will tell us something about the variety of awards available and some tricks that make getting them easier.

Marv's presentation will include a video feature produced by CQ Magazine showing some of the country's most successful contest stations and operators. This will give us a chance to see and hear contest operation in progress.

The meeting will be May 2, at 7:30 p.m. There will be the usual newcomers' meeting at 7, along with books to buy and friends to greet.

UARC meetings are held in the Little Theater building in the Salt Lake County fairgrounds. (Neither the building nor the street is marked with a number, but the address is approximately 5150 South and 150 East. Follow the sign that says "Square Dancing").- Gordon Smith K7HFV

■



FUN COMPUTER DEFINITIONS

Analog: Hors d'oevers, usually made from cheese and covered with crushed nuts.

Backup: Opposite of forward

Batch Processing: Making a lot of cookies at once.

THE MICROVOLT

Binary: Possessing the ability to have friends of both sexes.

Bit: 12 1/2 cents

Branch: If watered will turn into a computer club.

Buffer: Programmer who works in the nude.

Bug: (1) Programmers term for a feature. (2) An elusive creature living in a program which makes it incorrect.

NOTE: The activity of "debugging" or removing bugs from a program ends when people get tired of doing it, not when all the bugs are gone.

Character Density: The number of very weird people in the office.

Computer: A device designed to speed and automate errors.

Computer Club: Used to strike computer forcefully upon receiving error messages.

Coding: An addictive drug.

Command: A suggestion made to a computer.

Compile: A heap of decomposing vegetable matter.

Compiler: Noah Webster (1758-1843)

Control Character: Agent 99

Console: What one does to a down computer.

Crash: Normal Termination

Cursor: An expert in four letter words

Dump: System programmers work area.

FOR SALE

2400 BAUD MODEM

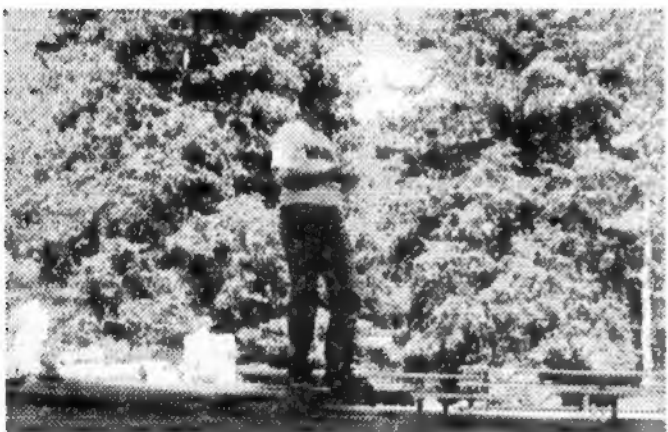
ANTENNA MAST

21 FT SQUARE TUBE STEEL WITH PLATE
ON TOP WITH 2 1 INCH PIPE TO MOUNT
ANTENNA

YAESU 8500 DUAL BAND TRANSCEIVER
CALL

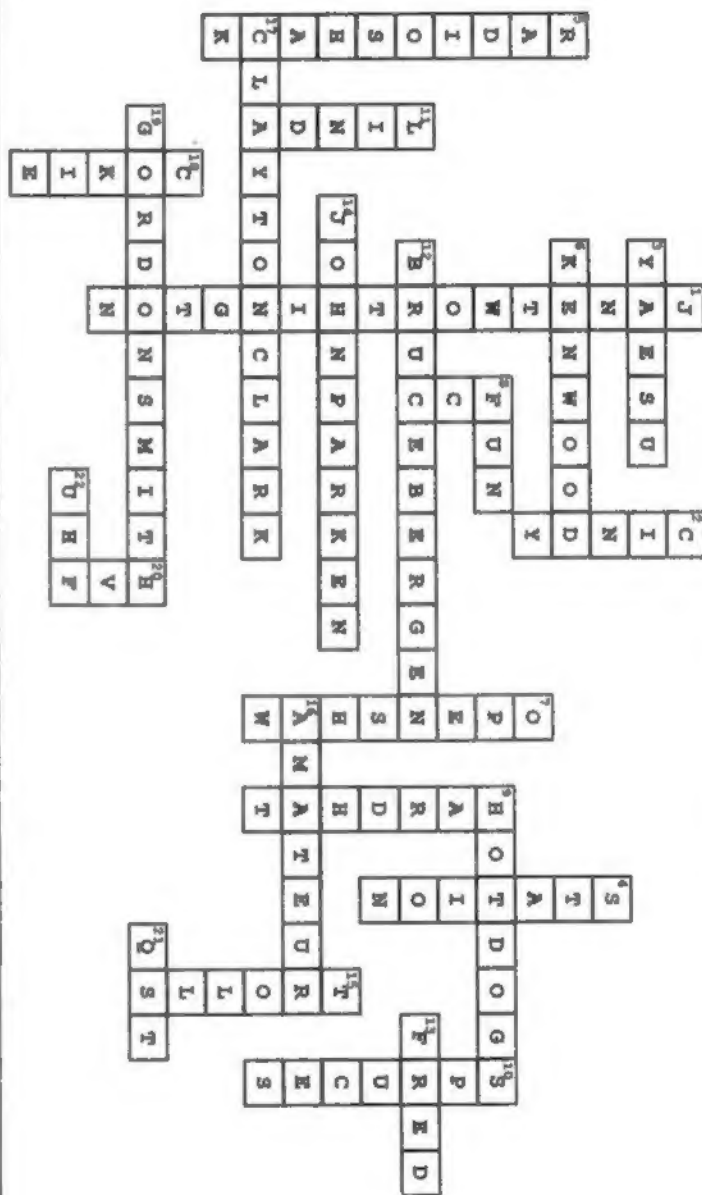
BERT CHAMBERS (KC7BXH)
292-5185

LAST YEARS STEAK FRY



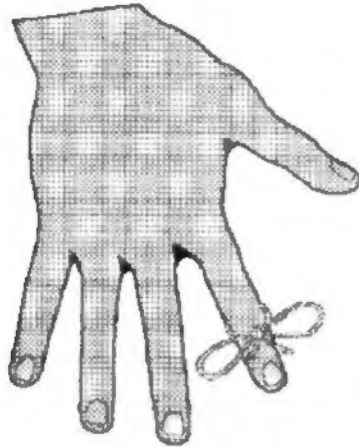
**DON'T FORGET THAT THE
STEAK FRY IS COMING UP
AND THE TICKETS
SHOULD BE GOING ON
SELL SOON! REMEMBER
THAT IF YOU HAVE A**

**THE MICROVOLT
MEMBERSHIP TO THE
UARC YOU WILL GET A
DISCOUNT ON THE STEAK
FRY!**



TRAINING PUZZLE FOR NEW HAMMS

DONT FORGET...

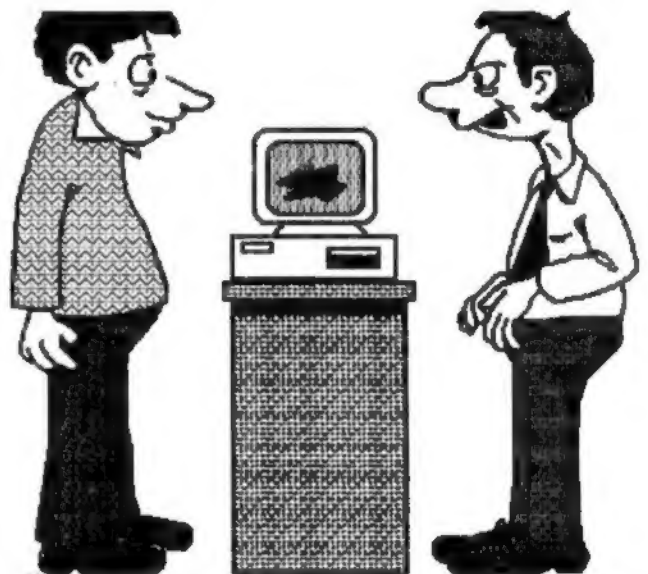


It is May and many of you have still not paid your dues. Gary Openshaw has announced that we have 1000 members but about 400 have not paid their dues. Please remember that if you do not pay your dues you do not get the great deal on the steak fry!

Next Month Our Feature Story is Going To Be On Stewart Pherson. K17WE

**IF YOU HAVE ANY GREAT
IDEAS FOR THE
MICROVOLT PLEASE
SEND THEM TO COKIE**

**THE MICROVOLT
EDDY 8719 NEWELL
DRIVE, WEST JORDAN
UTAH 84088**



"Well, what do you say, you don't get any picture at all? I'll do what I can, pal."

Grid Square Map for United States

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BOB

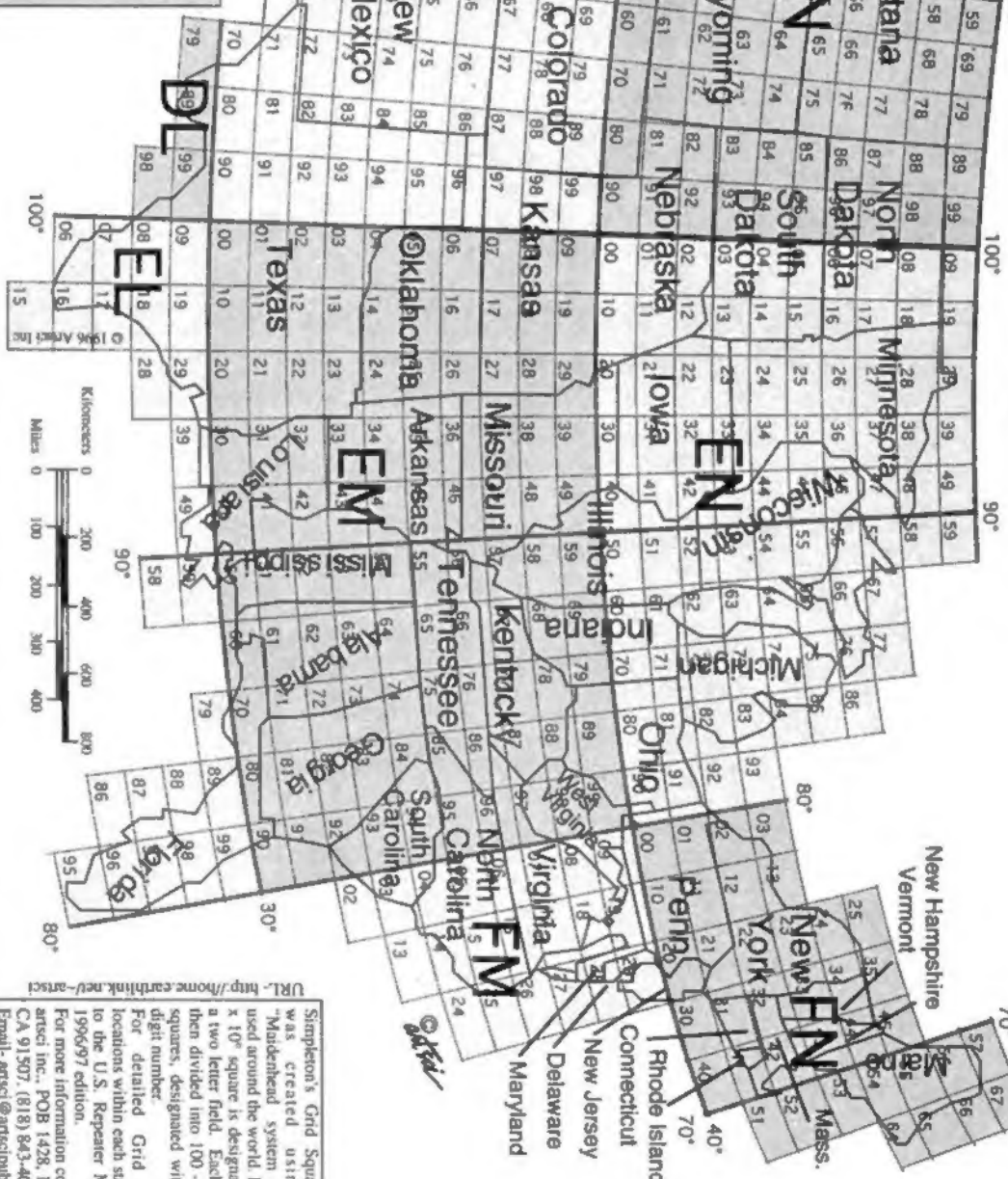
SIMPLETON'S

GRID SQUARE MAP

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Amateur Radio

Trader



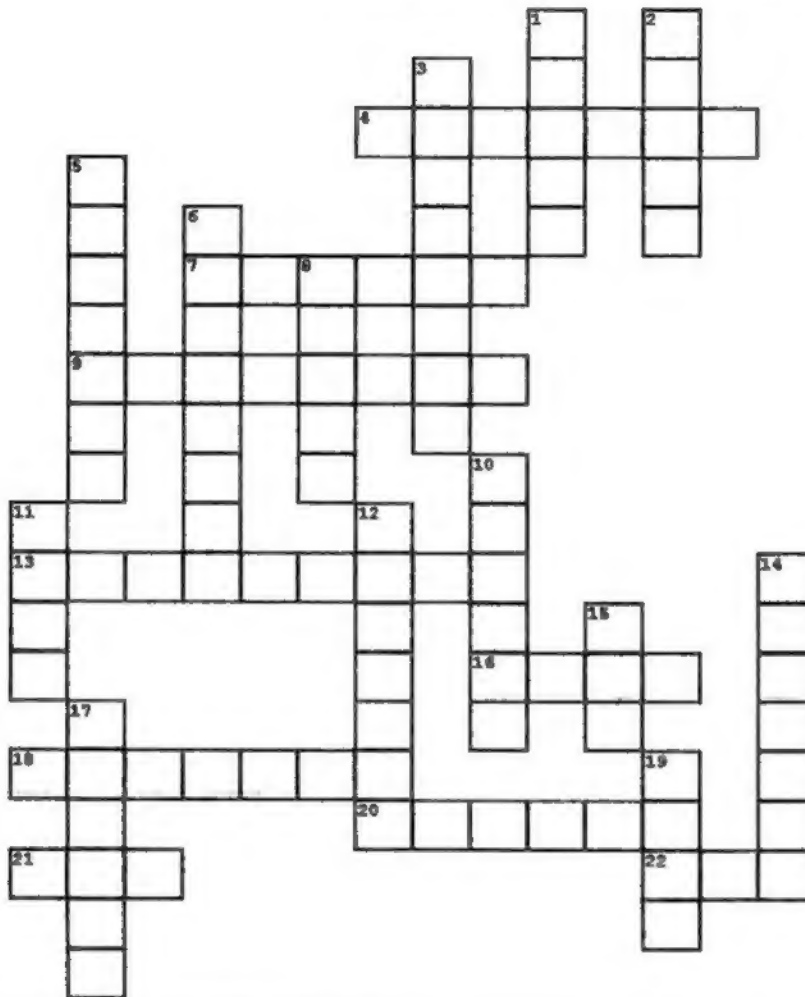
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Simpleton's Grid Square Map was created using the Maidenhead system that is used around the world. Each 20° x 10° square is designated with a two letter field. Each field is then divided into 100 - 2° x 1° squares, designated with a two digit number.

For detailed Grid Square locations within each state, refer to the U.S. Repeater Mapbook 1996/97 edition.

For more information contact:
artsci inc., POB 1428, Burbank,
CA 91507, (818) 843-4080,
Email: artsci@artscipub.com

HAMS PLAN SPRUCES PICNIC



ACROSS

4. Where the Steak Fry has been for years
7. The month we skip a Microvolt (normally)
9. Its a cold delicious dessert.
13. HE is a silent key this year and we will miss him.
16. We are Club #1602 in this organization
18. he knows his contesting!
20. Her family is from India
21. He knows his broadcasting!
22. He is a silent-key this year and we will miss him

DOWN

1. What I liked to help Linda do to the corn
2. What everyone goes up there for
3. Who you will have to pay to get a steak
5. He cooked a great steak
6. A game some people like to play up there.
8. he is going to make the certificates for the State Wide QSO party
10. amplifier
11. Month of Steak Fry
12. What the kids usually want to eat
14. He husband is in the Civil Air Patrol
15. He drives a tin can
17. What other people like to do up in the canyons

19. What you usually see up there, also known as amateurs